
OXY GRAND JUNCTION EBUSINESS

**CC 697-15-29C
GRAND VALLEY
Garfield County , Colorado**

**Cement Surface Casing
17-Nov-2010**

Post Job Report

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 2819421	Quote #:	Sales Order #: 7711563
Customer: OXY GRAND JUNCTION EBUSINESS		Customer Rep: Silva, Marco	
Well Name: CC		Well #: 697-08-69C	
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	API/UWI #: 05-045-19944
Lat: N 39.536 deg. OR N 39 deg. 32 min. 9.614 secs.		Long: W 108.238 deg. OR W -109 deg. 45 min. 44.168 secs.	
Contractor: H&P Drilling		Rig/Platform Name/Num: H&P 330	
Job Purpose: Cement Surface Casing			
Well Type: Development Well		Job Type: Cement Surface Casing	
Sales Person: DUNNING, DUSTIN		Srv Supervisor: KUKUS, CRAIG	
		MBU ID Emp #: 369124	

Job Personnel

HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #
CUNNINGHAM, TANNER Wade	12	445660	DEUSSEN, EDWARD Eric	12	485182	KUKUS, CHRISTOPHER A	12	413952
KUKUS, CRAIG A	12	369124	REEVES, BRANDON W	12	287883	STEELE, BENJAMIN F	12	458599
YUTZY, BRIAN Matthew	12	478510	ZUMWALT, ORVILLE Raymond	12	398157			

Equipment

HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10001431	120 mile	10804579	120 mile	10822535	120 mile	11259883	120 mile
11560046	120 mile	11562538	120 mile				

Job Hours

Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours
11/16/10	5.5	5.5	11/17/10	6.5	4			
TOTAL								

Total is the sum of each column separately

Job

Formation Name	Formation Depth (MD)	Top	Bottom	Form Type	Job depth MD	Job Depth TVD	Wk Ht Above Floor	Perforation Depth (MD)	From	To
				BHST	2770. ft	2770. ft	4. ft			

Job Times

	Date	Time	Time Zone
Called Out	16 - Nov - 2010	18:00	MST
On Location	16 - Nov - 2010	18:00	MST
Job Started	16 - Nov - 2010	20:57	MST
Job Completed	17 - Nov - 2010	06:16	MST
Departed Loc	17 - Nov - 2010	07:30	MST

Well Data

Description	New / Used	Max pressure psig	Size in	ID in	Weight lbm/ft	Thread	Grade	Top MD ft	Bottom MD ft	Top TVD ft	Bottom TVD ft

Sales/Rental/3rd Party (HES)

Description	Qty	Qty uom	Depth	Supplier
PLUG,CMTG, TOP, 9 5/8, HWE, 8.16 MIN/9.06 MA	1	EA		
R/A DENSOMETER W/CHART RECORDER, /JOB, ZI	1	JOB		
ADC (AUTO DENSITY CTRL) SYS, /JOB, ZI	1	JOB		
PORT. DAS W/CEMWIN; ACQUIRE W/HES, ZI	1	JOB		

Tools and Accessories

Type	Size	Qty	Make	Depth	Type	Size	Qty	Make	Depth	Type	Size	Qty	Make
Guide Shoe					Packer					Top Plug	9 5/8	1	HES
Float Shoe					Bridge Plug					Bottom Plug			
Float Collar					Retainer					SSR plug set			
Insert Float										Plug Container	9 5/8	1	HES
Stage Tool										Centralizers			

Miscellaneous Materials

Gelling Agt	Conc	Surfactant	Conc	Acid Type	Qty	Conc	%
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data

HALLIBURTON

Cementing Job Summary

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer		20.00	bbl	8.33	.0	.0	.0	
2	Super Flush 101	SUPER FLUSH 101 - SBM (12199)	20.00	bbl	10.	.0	.0	.0	
3	Water Spacer		20.00	bbl	.	.0	.0	.0	
4	Lead Cement	VERSACEM (TM) SYSTEM (452010)	1254.0	sacks	12.3	2.33	12.62		12.62
		12.62 Gal FRESH WATER							
5	Tail Cement	VERSACEM (TM) SYSTEM (452010)	182.0	sacks	12.8	2.07	10.67		10.67
		10.67 Gal FRESH WATER							
6	Displacement		208.00	bbl	.	.0	.0	.0	
7	Topout Cement	HALCEM (TM) SYSTEM (452986)	111.2	sacks	12.5	1.97	10.96		10.96
		10.96 Gal FRESH WATER							
Calculated Values		Pressures		Volumes					
Displacement	208	Shut In: Instant		Lost Returns	117	Cement Slurry	626	Pad	
Top Of Cement		5 Min		Cement Returns	20	Actual Displacement	209	Treatment	
Frac Gradient		15 Min		Spacers	60	Load and Breakdown		Total Job	894
Rates									
Circulating		Mixing	6.5	Displacement	6.5	Avg. Job	6.5		
Cement Left In Pipe	Amount	054.83ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

AP LOCATION/DEPT 23477 DO2 ☐ NON DO2 ☐
 LEASE /WELL /EAC CC 697-08-19C
 MAXIMO /WSM # _____
 TASK 1402 ELEMENT 3023
 PROJECT # 1102192 CAPEX / OPEX - Circle one
 SPO / BPA _____ UNSUPPORTED ☐
 Circle Doc Type _____
 PRINTED NAME John Carroll
 SIGNATURE: John Carroll
 I certify that these Services/Materials have been received
 AP INFO NEEDED:

HALLIBURTON

Cementing Job Log

The Road to Excellence Starts with Safety

Sold To #: 344034	Ship To #: 2819421	Quote #:	Sales Order #: 7711563
Customer: OXY GRAND JUNCTION EBUSINESS	Customer Rep: Silva, Marco		
Well Name: CC	Well #: 697-08-69C	API/UWI #: 05-045-19944	
Field: GRAND VALLEY	City (SAP): PARACHUTE	County/Parish: Garfield	State: Colorado
Legal Description:			
Lat: N 39.536 deg. OR N 39 deg. 32 min. 9.614 secs.		Long: W 108.238 deg. OR W -109 deg. 45 min. 44.168 secs.	
Contractor: H&P Drilling	Rig/Platform Name/Num: H&P 330		
Job Purpose: Cement Surface Casing	Ticket Amount:		
Well Type: Development Well	Job Type: Cement Surface Casing		
Sales Person: DUNNING, DUSTIN	Srv Supervisor: KUKUS, CRAIG	MBU ID Emp #: 369124	

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	11/16/2010 18:00							ROLLED FROM HP 353 TO 330
Depart Yard Safety Meeting	11/16/2010 18:10							SAFETY MEETING INVOLVING THE ENTIRE CMT CREW
Arrive At Loc	11/16/2010 18:30							RIG WAS JUST FINISHING CSG
Circulate Well	11/16/2010 18:30							RIG CIRCULATED WELL
Assessment Of Location Safety Meeting	11/16/2010 18:35							ASSESSMENT OF LOCATION INVOLVING THE ENTIRE CMT CREW
Pre-Rig Up Safety Meeting	11/16/2010 18:40							SAFETY MEETING INVOLVING THE ENTIRE CMT CREW
Rig-Up Equipment	11/16/2010 18:45							
Pre-Job Safety Meeting	11/16/2010 20:30							SAFETY MEETING INVOLVING EVERYONE ON LOCATION
Start Job	11/16/2010 20:57							T.D 2770 T.P 2747 S.J 54.83 PIPE 9 5/8 36# OH 14 3/4 MUD WT 8.6
Other	11/16/2010 20:57		2	2			110.0	FILL LINES
Pressure Test	11/16/2010 21:01		0.5			2500.0		PRESSURE TEST GOOD
Pump Spacer 1	11/16/2010 21:05		6.5	20			260.0	FRESH WATER SPACER / NO RETURNS
Pump Spacer 1	11/16/2010 21:08		6.5	20			290.0	PUMP SUPER FLUSH SPACER / NO RETURNS

Sold To #: 344034

Ship To #: 2819421

Quote #:

Sales Order #: 7711563

SUMMIT Version: 7.20.130

Wednesday, November 17, 2010 07:46:00

HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Spacer 1	11/16/2010 21:12		6.5	20			220.0	PUMP FRESH WATER SPACER / NO RETURNS
Pump Lead Cement	11/16/2010 21:16		6.5	520			170.0	PUMP LEADCEMENT AT 12.3 PPG 2.33 Y 12.62 GAL/SKS / NO RETURNS 123 SKS
Pump Tail Cement	11/16/2010 22:53		6.5	67			200.0	PUMP TAIL CEMENT AT 12.8 PPG 2.07 Y 10.67 GAL/SKS / NO RETURNS 182 SKS
Shutdown	11/16/2010 23:10							
Drop Top Plug	11/16/2010 23:11							
Pump Displacement	11/16/2010 23:12		6.5	208			1100.0	PLUG LEFT THE PLUG CONTAINER PUMP FRESH WATER DISPLACEMENT / NO RETURNS UNTIL 117 BBLSGONE
Slow Rate	11/16/2010 23:41		2	198			680.0	SLOWED RATE TO 2 BBLMIN LAST 10 BBL
Bump Plug	11/16/2010 23:44		2	208			1226.0	PLUG LANDED AT 720 PSI BUMPED UP TO 1226 PSI AT 178 BBLSGONE GOT CEMENT BACK TO SURFACE 10 GOOD BBLSGONE
Check Floats	11/16/2010 23:47							FLOATS HELD
Bump Plug	11/16/2010 23:48		1.5	1.5			2500.0	PRESSURE BACKUPAND HOLD FOR 30 MIN
Check Floats	11/17/2010 00:11							FLOATS HELD
Pump Spacer 1	11/17/2010 00:37		1.5	6.5			57.0	PUMP SPACER THRU PARISITE
End Job	11/17/2010 00:45							GET READY TO DO TOP OUT
Start Job	11/17/2010 05:52		1.5	1			55.0	START TOP OUT / PRIMED LINES
Pump Cement	11/17/2010 05:56		2.5	39			80.0	PUMPED TOP OUT CEMENT AT 12.5 PPG 1.97 Y 10.96 GAL/SKS USED 111.2 SKS FROM TOPOUT TRUCK
Shutdown	11/17/2010 06:15							SHUT DOWN

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HALLIBURTON

Cementing Job Log

Activity Description	Date/Time	Cht #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
End Job	11/17/2010 06:16							GOT 8 BBLBACK TO SURFACE
Pre-Rig Down Safety Meeting	11/17/2010 06:20							SAFETY MEETING INVOLVING THE ENTIRE CMT CREW
Rig-Down Equipment	11/17/2010 06:30							
Safety Meeting - Departing Location	11/17/2010 07:15							SAFETY MEETING INVOLVING THE ENTIRE CMT CREW
Comment	11/17/2010 07:30							THANK YOU FOR USING HALLIBURTON, CRAIG KUKUS AND CREW

Sold To # : 344034

Ship To # :2819421

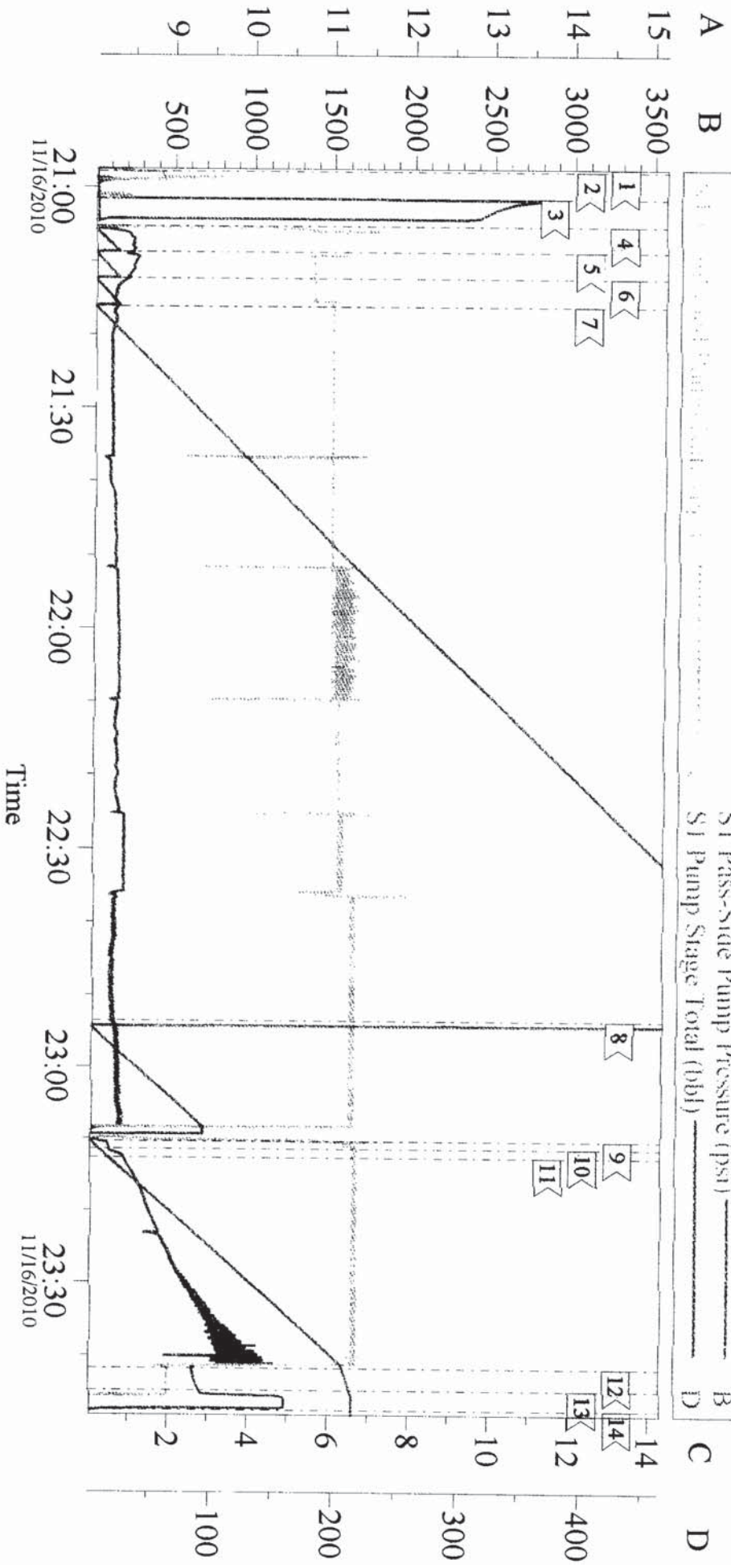
Quote # :

Sales Order # : 7711563

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Wednesday, November 17, 2010 07:46:00

OXY SURFACE



Local Event Log

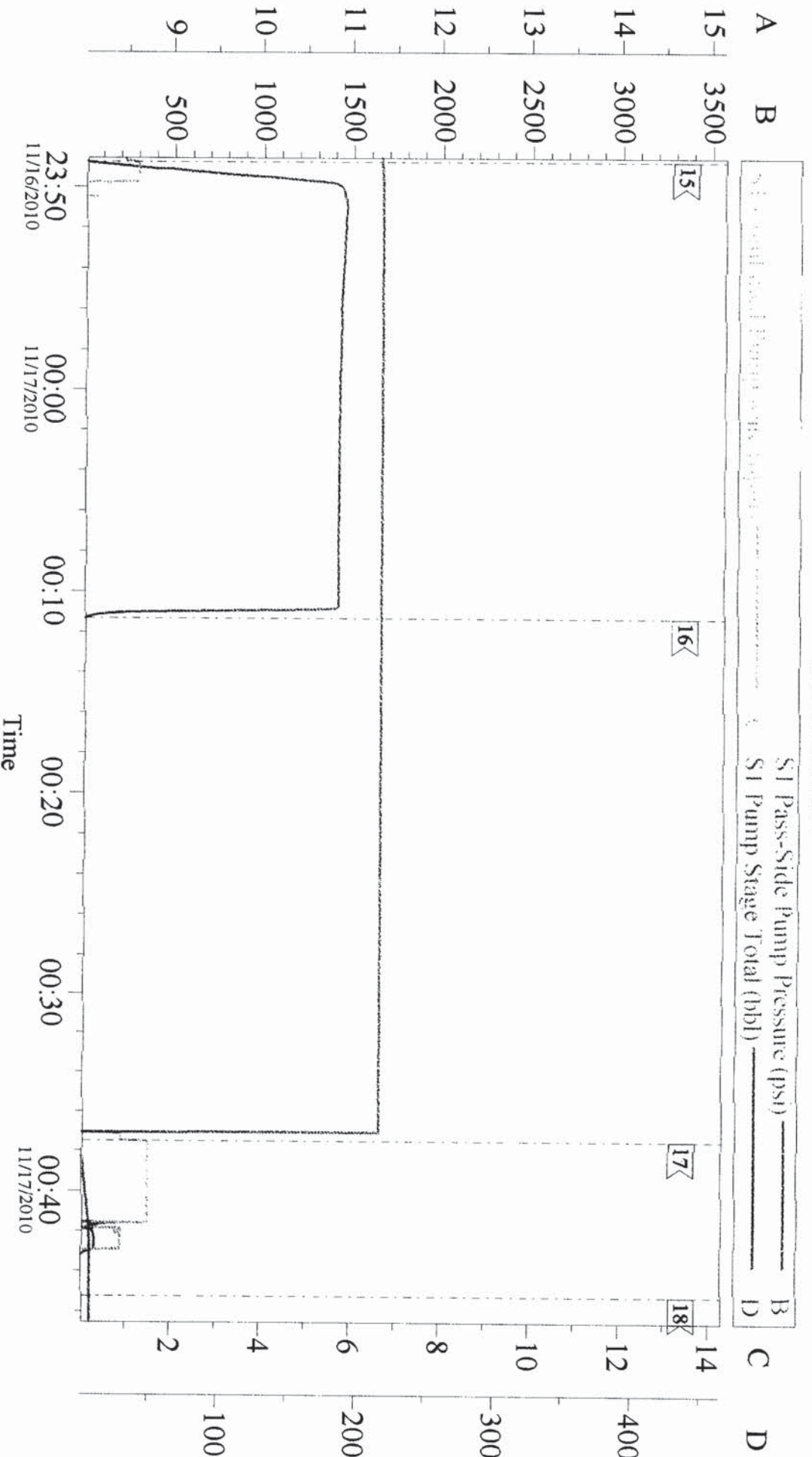
1 < START JOB	20:57:33	2 < PRIME LINES	20:57:53	3 < PRESSURE TEST	21:01:33
4 < PUMP H2O SPACER	21:05:16	5 < PUMP SUPER FLUSH	21:08:45	6 < PUMP H2O SPACER	21:12:19
7 < PUMP LEAD CEMENT	21:16:08	8 < PUMP TAIL CEMENT	22:53:30	9 < SHUT DOWN	23:10:20
10 < DROP PLUG	23:11:28	11 < PUMP H2O DISPLACEMENT	23:12:37	12 < SLOW RATE	23:41:44
13 < BUMP PLUG	23:44:42	14 < CHECK FLOATS	23:47:25		

Customer: OXY
Well Description: CC 697-08-29C
Company Rep: VICTOR BENAVIDES

Job Date: 16-Nov-2010
Job Type: SURFACE
Cement Supervisor: CRAIG KUKUS

Sales Order #: 7711563
ADC Used: YES
Elite #/Operator: ELITE 5 CHRIS KUKUS

OXY SURFACE

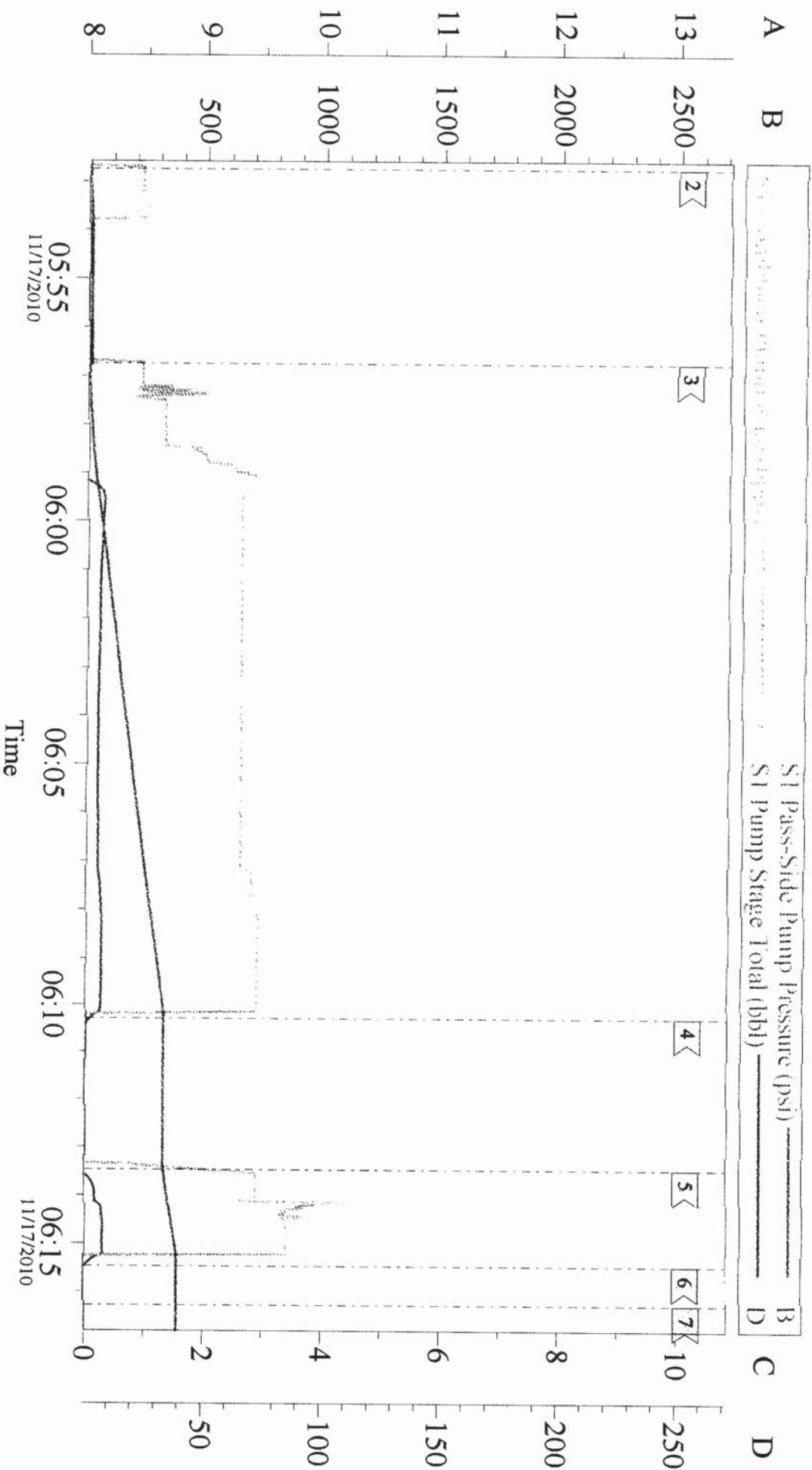


Local Event Log

☐ 15 PRESSURE BACK UP #2 11/16/2010 23:48:46 ☐ 16 CHECK FLOATS 11/17/2010 00:11:19
☐ 17 PUMP SPACER PARISITE 11/17/2010 00:37:29 ☐ 18 END JOB 11/17/2010 00:45:15

Customer: OXY	Job Date: 16-Nov-2010	Sales Order #: 7711563
Well Description: CC 697-08-29C	Job Type: SURFACE	ADC Used: YES
Company Rep: VICTOR BENAVIDES	Cement Supervisor: CRAIG KUKUS	Elite #/Operator: ELITE 5 CHRIS KUKUS

OXY TOP OUT #1



Local Event Log

<input checked="" type="checkbox"/> PRIME LINES	05:52:44	<input checked="" type="checkbox"/> PUMP TOP OUT CMT	05:56:44	<input checked="" type="checkbox"/> SHUT DOWN	06:10:17
<input checked="" type="checkbox"/> PUMP TOP OUT	06:13:29	<input checked="" type="checkbox"/> SHUT DOWN/WAIT 30 MIN	06:15:28	<input checked="" type="checkbox"/> END JOB	06:16:17

Customer: OXY
Well Description: CC 697-08-29C
Company Rep: VICTOR BENAVIDES

Job Date: 17-Nov-2010
Job Type: TOP OUT
Cement Supervisor: CRAIG KUKUS

Sales Order #: 7711563
ADC Used: YES
Elite #/Operator: ELITE 5 CHRIS KUKUS